

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>701586-54202</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US2004/033175</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/575,119</b>
INTERNATIONAL FILING DATE <b>08 October 2004 (8.10.2004)</b>		PRIORITY DATE CLAIMED <b>08 October 2003 (8.10.2003)</b>
<b>TITLE OF INVENTION METHODS FOR PRENATAL DIAGNOSIS OF CHROMOSOMAL ABNORMALITIES</b>		
<b>APPLICANT(S) FOR DO/EO/US Charles R. Cantor, et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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20. Other items or information: <b>Exp. Mail Cert. EV653006015US; Letter to Examiner; COPY-International Search Report; and Return Receipt Postcard</b>					
The following fees have been submitted				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... <b>\$300</b>				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... <b>\$0</b>					
All other situations..... <b>\$200</b>					
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... <b>\$0</b>					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... <b>\$100</b>					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... <b>\$400</b>					
All other situations..... <b>\$500</b>					
<b>TOTAL OF 21, 22 and 23 =</b>				<b>0.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	0.00
Surcharge of <b>\$130.00</b> for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$ 50	\$	
Independent claims	- 3 =		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	130.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	65.00
<b>SUBTOTAL =</b>				\$	65.00
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	0.00
<b>TOTAL NATIONAL FEE =</b>				\$	65.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$	0.00
<b>TOTAL FEES ENCLOSED =</b>				\$	65.00
				Amount to be refunded:	\$
				Amount to be charged	\$

05/19/2006 GFREY1 00000122 500830 10373119

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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 50-0850 in the amount of \$ 65.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0850. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Ronald I. Eisenstein  
Nixon Peabody LLP  
100 Summer Street  
Boston, MA 02110



SIGNATURE

Ronald I. Eisenstein/Leena H. Karttunen  
NAME

30,628/L0207  
REGISTRATION NUMBER

## IN THE UNITED STATES RECEIVING OFFICE

PCT/US2004/033175	08.10.2004 08 October 2004	08.10.2003 08 October 2003
International Application Number	International Filing Date	International Earliest Priority Date

**TITLE OF INVENTION:**      **METHODS FOR PRENATAL DIAGNOSIS OF  
CHROMOSOMAL ABNORMALITIES**

**APPLICANT(S) FOR EO/DO/US:**      Charles R. CANTOR et al.  
**U.S.S.N.:**      10/575,119

**MAIL STOP PCT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EV653006015US  
Date of Deposit May 16, 2006

I hereby state that the following *attached* paper or fee

1. Express Mail Certificate EV653006015US (1 pg.);
2. Form 1390 Transmittal Letter page 3 in duplicate (4 pp.);
3. Preliminary Amendment (3 pp.);
4. Letter to Examiner (2 pp.);
5. Executed Oath and Power of Attorney (6 pp.);
6. COPY – International Search Report (4 pp.);
7. Information Disclosure Statement and Form 08 a (3 pp.); and
8. Return Receipt Postcard.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Linda M. Ginsberg

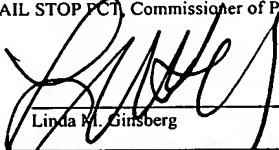
Signature of person mailing paper or fee

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PCT/US2004/033175	08.10.2004 08 October 2004	08.10.2003 08 October 2003
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TITLE OF INVENTION: METHODS FOR PRENATAL DIAGNOSIS OF  
CHROMOSOMAL ABNORMALITIES

APPLICANT(S) FOR EO/DO/US: Charles R. CANTOR et al.  
U.S.S.N.: 10/575,119

CERTIFICATE OF MAILING	
I hereby certify that this correspondence, on the date shown below, is being deposited with the United States Postal Service with sufficient postage as Express Mail Label No. EV 653006015 US in an envelope addressed to MAIL STOP PCT, Commissioner of Patents, Box 1450, Alexandria, VA 22313-1450.	
Date: May 15, 2006	 Linda M. Ginsberg

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## LETTER TO EXAMINER

On April 7, 2006, Applicants filed the application under 35 U.S.C. 371 in the United States Designated/Elected Office for the above-referenced international application. Enclosed herewith please find:

1. Executed Declaration and Power of Attorney (6 pp.);
2. Preliminary Amendment (3 pp.); and
3. Information Disclosure Statement and Form PCT/SB/08a (3 pp.).

Applicants note that the surcharge for furnishing the oath or declaration late was not paid with the April 7, 2006 national entry. Accordingly, Applicants are enclosing payment herewith.

Please charge any fees that may be due in connection with this matter to Deposit Account No. 50-0850.

## IN THE UNITED STATES RECEIVING OFFICE

PCT/US2004/033175	08.10.2004 08 October 2004	08.10.2003 08 October 2003
International Application Number	International Filing Date	International Earliest Priority Date

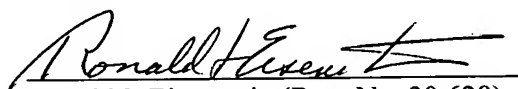
**TITLE OF INVENTION:**        **METHODS FOR PRENATAL DIAGNOSIS OF CHROMOSOMAL ABNORMALITIES**

**APPLICANT(S) FOR EO/DO/US:**   Charles R. CANTOR et al.  
**U.S.S.N.:**                                10/575,119

Please contact the undersigned if any additional information is needed.

Date: May 16, 2006

Respectfully submitted,



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